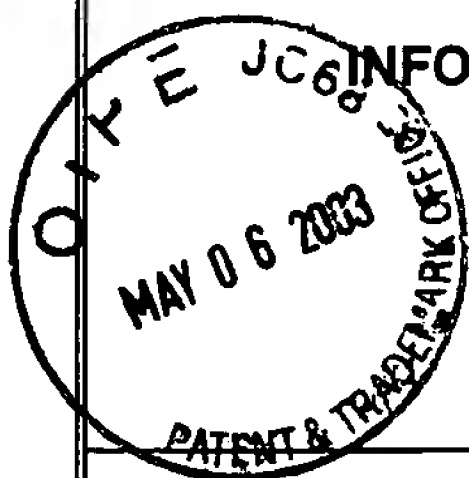


FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	TRW DOCKET NO. 20-0139	SERIAL NO. 09/651,754
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			



APPLICANT: Michael E. Campbell	
FILING DATE: August 30, 2000	GROUP: 2684

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
ADH	5	2	1	2	8	0	4	5/18/93	Bernard K. Choate	458	431	RECEIVED MAY 08 2003	
ADH	5	8	9	8	6	8	3	4/27/99	Hiroshi Matsuyama Matsumoto et al.	370	338		
												Technology Center 2600	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED 6/8/03
----------	------------------------

*EXAMINER Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.